

CLAIMS

1. Method for precision passive alignment such as a precision passive technology for a low cost array access component, characterized by providing alignment trenches in a laser carrier, providing vertical alignment structures and horizontal structures on a polymeric carrier and placing the laser carrier on the polymeric carrier, wherein the alignment trenches are provided to mate with the vertical alignment structures and the waveguides are provided to be aligned to the horizontal alignment when the laser carrier is placed on the polymeric carrier.
2. Device for precision passive alignment such as a precision passive technology for a low cost array fibre access component, characterized in that a laser carrier (1) is provided with alignment trenches (4), that a polymeric carrier (5) is provided with vertical alignment structures (6) and horizontal alignment structures (7), wherein the alignment trenches are provided to mate with the vertical alignment structures and the waveguides are provided to be aligned to the horizontal alignment when the laser carrier is placed on the polymeric carrier.